

## DOCKETED

<b>Docket Number:</b>	06-AFC-07C
<b>Project Title:</b>	Humboldt Bay Generating Station - Compliance
<b>TN #:</b>	223337
<b>Document Title:</b>	Staff Analysis on Petition to Amend
<b>Description:</b>	PG&E proposes to make several administrative changes, and the following substantive changes, to the air quality conditions of certification (conditions), as written in the September 24, 2008 Final Decision.
<b>Filer:</b>	Raquel Rodriguez
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
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**CALIFORNIA ENERGY COMMISSION**

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SACRAMENTO, CA 95814-5512  
www.energy.ca.gov



**DATE:** May 2, 2018  
**TO:** Interested Parties  
**FROM:** Keith Winstead, Siting Project Manager  
**SUBJECT:** **Humboldt Bay Generating Station (06-AFC-07C)**  
Staff Analysis on Petition to Amend

On June 6, 2016, Pacific Gas & Electric (PG&E) docketed a Petition to Amend (PTA) the Humboldt Bay Generating Station (HBGS) Final Commission Decision. The 163-megawatt facility was certified by the California Energy Commission in its Final Decision on September 24, 2008, and began commercial operation in 2010. The facility is located in the city of Eureka, in Humboldt County, California.

### **DESCRIPTION OF PROPOSED MODIFICATION**

PG&E proposes to make several administrative changes, and the following substantive changes, to the air quality conditions of certification (conditions), as written in the September 24, 2008 Final Decision:

- Increase in the pilot heat limit from 0.8 MMBtu/hour to 2.0 MMBtu/hour;
- Decrease the PM10 emission rate from 10.8 lb/hour to 5.5 lb/hour; and
- Reduce diesel source testing frequency from a 3-year testing cycle at near full load to a 5-year testing cycle at one of three load points (~50 percent load, ~75 percent load, and ~100 percent load) with diesel toxic air contaminants (TAC) emissions testing reduced from every 10 years to every 15 years at 100 percent load (while retaining the initial 10-year TAC source testing requirement).

The purpose of this PTA is to improve reliable operation of the HBGS when fueled primarily with natural gas and to align the Energy Commission conditions with the recently modified conditions to the Title V Operating Permit to Operate issued by the North Coast Unified Air Quality Management District (NCUAQMD).

The proposed modifications do not increase any emission standard above the levels previously analyzed in the Final Decision or any amendments thereto, and therefore, would not result in any new or different environmental impacts.

With the adoption of the attached amended conditions of certification, the amended HBGS project would conform with applicable federal, state, and NCUAQMD air quality laws, ordinances, regulations, and standards, and would not result in significant air quality or public health related impacts.

Staff has reviewed the potential impacts to public health and determined that the proposal to increase the diesel pilot fuel use limit would not change the ability of the HBGS to comply with existing permitted emissions limits that have been previously

found by staff to not create a significant risk to attainment of ambient air quality standards, or to public health.

Greenhouse gas emissions from the project are not affected by this PTA.

The Energy Commission's webpage for this facility, <http://www.energy.ca.gov/sitingcases/humboldt/index.html>, has a link to the PTA and the staff analysis on the right side of the webpage in the box labeled "Compliance Proceeding." Click on the "Documents for this Proceeding (Docket Log)" option. After the Energy Commission decision on this PTA, the Order regarding this PTA will also be available on the same webpage.

This notice has been mailed to the Energy Commission's list of interested parties and property owners adjacent to the facility site. It has also been emailed to the facility listserv. The listserv is an automated system by which information about this facility is emailed to parties who have subscribed. To subscribe, go to the Energy Commission's webpage for this facility, cited above, scroll down the right side of the project webpage to the box labeled "Subscribe," and provide the requested contact information.

Any person may comment on the staff analysis. Those who wish to comment are asked to submit their comments by 5:00 p.m., June 1, 2018. To use the Energy Commission's electronic commenting feature, go to the webpage for this facility cited above, click on the "Submit e-Comment" link, and follow the instructions in the on-line form. Be sure to include the facility name in your comments.

Written comments may also be mailed or hand-delivered to:

California Energy Commission  
Dockets Unit, MS-4  
Docket No. 06-AFC-07C  
1516 Ninth Street  
Sacramento, CA 95814-5512

All comments and materials filed with and approved by the Dockets Unit will be added to the facility's Docket Log and become publically accessible on the Energy Commission's webpage for the facility.

If you have questions about this notice, please contact Keith Winstead, Siting Project Manager, at (916) 654-5191, or by fax to (916) 654-3882, or via e-mail to [keith.winstead@energy.ca.gov](mailto:keith.winstead@energy.ca.gov).

For information on participating in the Energy Commission's review of the PTA, please call the Public Adviser, Alana Mathews, at (800) 822-6228 (toll-free in California) or send your e-mail to [publicadviser@energy.ca.gov](mailto:publicadviser@energy.ca.gov). News media inquiries should be directed to the Energy Commission Media Office at (916) 654-4989, or by e-mail to [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov).

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Humboldt Power Plant List Serve